Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 9/7/2015 (Developing El Nino Condition)

Lake Okeechobee Net Inflow Outlook:

The Lake Okeechobee Net Inflow Outlook has been computed using 4 methods: Croley's method[1], the SFWMD empirical method[2], a sub-sampling of El Nino years[3] and a sub-sampling of cold years of the Atlantic Multi-decadal Oscillation (AMO) in combination with ENSO El Nino years[4]. The results for Croley's method and the SFWMD empirical method are based on the CPC Outlook.

Table of the Lake Okeechobee Net Inflow Outlooks in feet of equivalent depth. All methods are updated on a weekly basis with observed net inflow for the current month.

Season	Croley's Method[1*]		SFWMD Empirical Method[2]		Sub-sampling of ENSO El Nino Years[3]		Sub-sampling of AMO Warm + ENSO El Nino Years[4]	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (Sep-Feb)	N/A	N/A	2.06	Very Wet	2.63	Very Wet	2.12	Very Wet
Multi Seasonal (Sep-Apr)	N/A	N/A	2.18	Normal	3.23	Wet	2.52	Wet

*Croley's Method Not Produced For This Report

See Seasonal and Multi-Seasonal tables for the classification of Lake Okeechobee Outlooks.

The recommended methods and values for estimating the Lake Okeechobee Net Inflow Outlook are shaded and should be used in the LORS2008 Release Guidance Flow Charts.

Tributary Hydrologic Conditions Graph:

10044 cfs 14-day running average for Lake Okeechobee Net Inflow through 9/7/2015.
According to the classification in Tributary Hydrologic Conditions table, this condition is Very Wet.

-0.87 for Palmer Index on 9/6/2015.
According to the classification in Tributary Hydrologic Conditions table, this condition is Normal.

The wetter of the two conditions above is **Very Wet**.

LORS2008 Classification Tables:

Lake Okeechobee Stage on 9/7/2015

Lake Okeechobee Stage: **13.32 feet**

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

Lake Okeechobee Management Zone/Band		Bottom Elevation (feet, NGVD)	Current Lake Stage
High Lake Management Band		16.46	
Operational Band	High sub-band	16.08	
	Intermediate sub-band	15.69	
	Low sub-band	13.92	
Base Flow sub-band		12.67	← 13.32
Beneficial Use sub-band		12.51	
Water Shortage Management Band			

Part C of LORS2008: Discharge to WCA's

Release Guidance Flow Chart Outcome: Up to Maximum Releases to the WCAs if Desirable or with Minimum Everglades Impacts

Part D of LORS2008: Discharge to Tidewater

Release Guidance Flow Chart Outcome: S-79 up to 450 cfs and S-80 up to 200 cfs

Technical Input Summaries from:

- **Lake Okeechobee Division**
- **Coastal Ecosystems**
- **Everglades Ecosystems Division**
- **Water Supply Department**
- **Water Resource Management Release Recommendation**
- **Kissimmee Watershed Environmental Conditions**
- **Operations Department**

Back to Lake Okeechobee Operations Main Page

Back to U.S. Army Corps of Engineers LORSS Homepage

LORS2008 Implementation on 9/7/2015 (ENSO Neutral Condition):

Water Supply Department Technical Input

Water Supply Outlook:

District wide, Raindar rainfall 1.66 inches for the week ending 9/8/2015. Lake stage on 9/7/2015 is 13.32 ft, up 0.37 ft from last week.

The updated August 2015 SFWMM Dynamic Position Analysis percentile graph and tracking chart for Lake Okeechobee show that the lake stage is in the Base Flow Operational Sub-Band.

The LORS2008 tributary indices are classified as **Very Wet**. The PDSI indicates normal condition and the LONIN is Very Wet. The classification is based on the wetter of the two.

Water Supply Risk Evaluation

Area	Indicator	Value	Color Coded Scoring Scheme
LOK	Projected LOK Stage for the next two months	Base Flow Sub-Band	M
	Palmer Index for LOK Tributary Conditions	-0.87 (Normal)	L
	CPC Precipitation Outlook	1 month: Normal	L
		3 months: Normal	L
	LOK Seasonal Net Inflow Forecast	2.63 ft (Normal to Extremely Wet)	L
	AMO warm/El Nino		
	LOK Multi-Seasonal Net Inflow Forecast	3.23 ft (Wet)	L
	AMO warm/El Nino		
WCAs	WCA 1: Site 1-8C	Above Line 1 (16.25 ft)	L
	WCA 2A: Site 2-17 HW	Above Line 1 (12.52 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (9.23 ft)	L
LEC	Service Area 1	50% or more of USGS wells are within the lowest 10% to 30% of past water elevations and not more than 25% are in the lowest 10% of past water elevations	M
	Service Area 2	50% or more of USGS wells are within the lowest 10% to 30% of past water elevations and not more than 25% are in the lowest 10% of past water elevations	M
	Service Area 3	50% or more of USGS wells are within the lowest 10% to 30% of past water elevations and more than 25% are in the lowest 10% of past water elevations	H

Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow forecasts use slightly different classification intervals than those used by the 2008-LORS for classifying the tributary hydrologic condition (THC).

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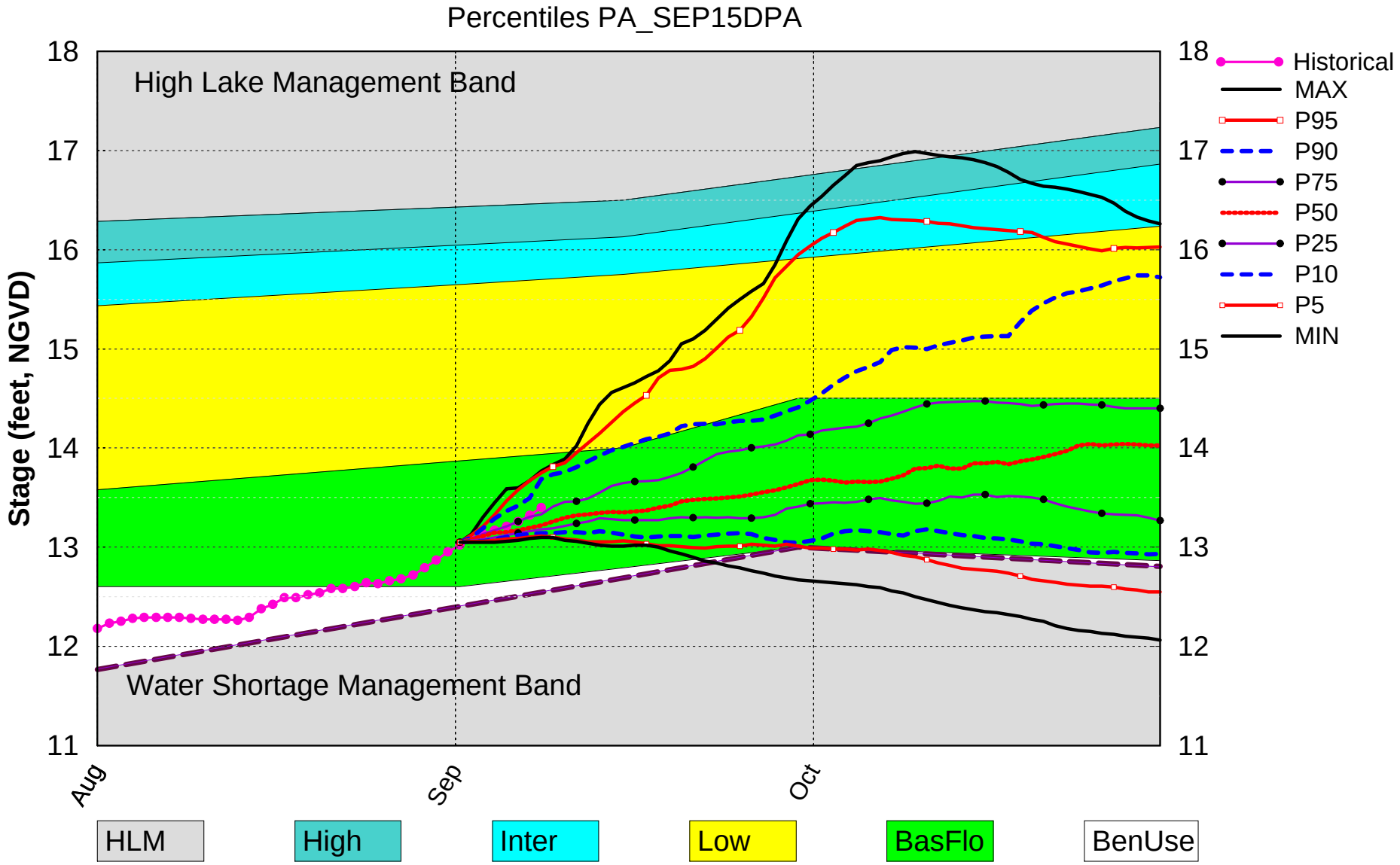
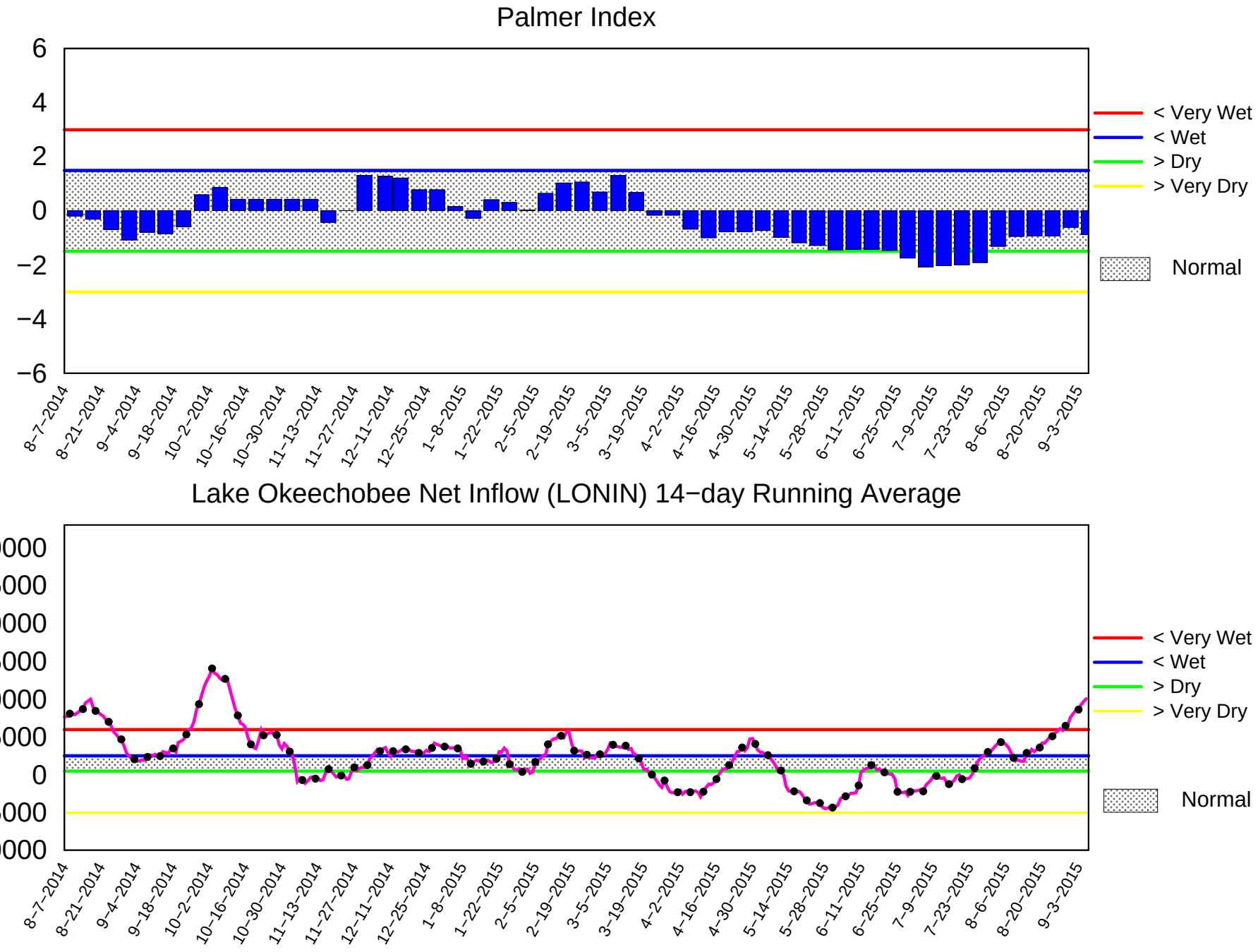
Lake Okeechobee SFWMM September 2015 Dynamic Position Analysis



(See assumptions on the Position Analysis Results website)

Tue Sep 8 9:17:28 2015

Tributary Basin Condition Indicators as of September 7 2015



Tue Sep 8 9:07:17 EDT 2015

2008 LORS

Part C: Establish Allowable Lake Okeechobee Releases to the Water Conservation Areas

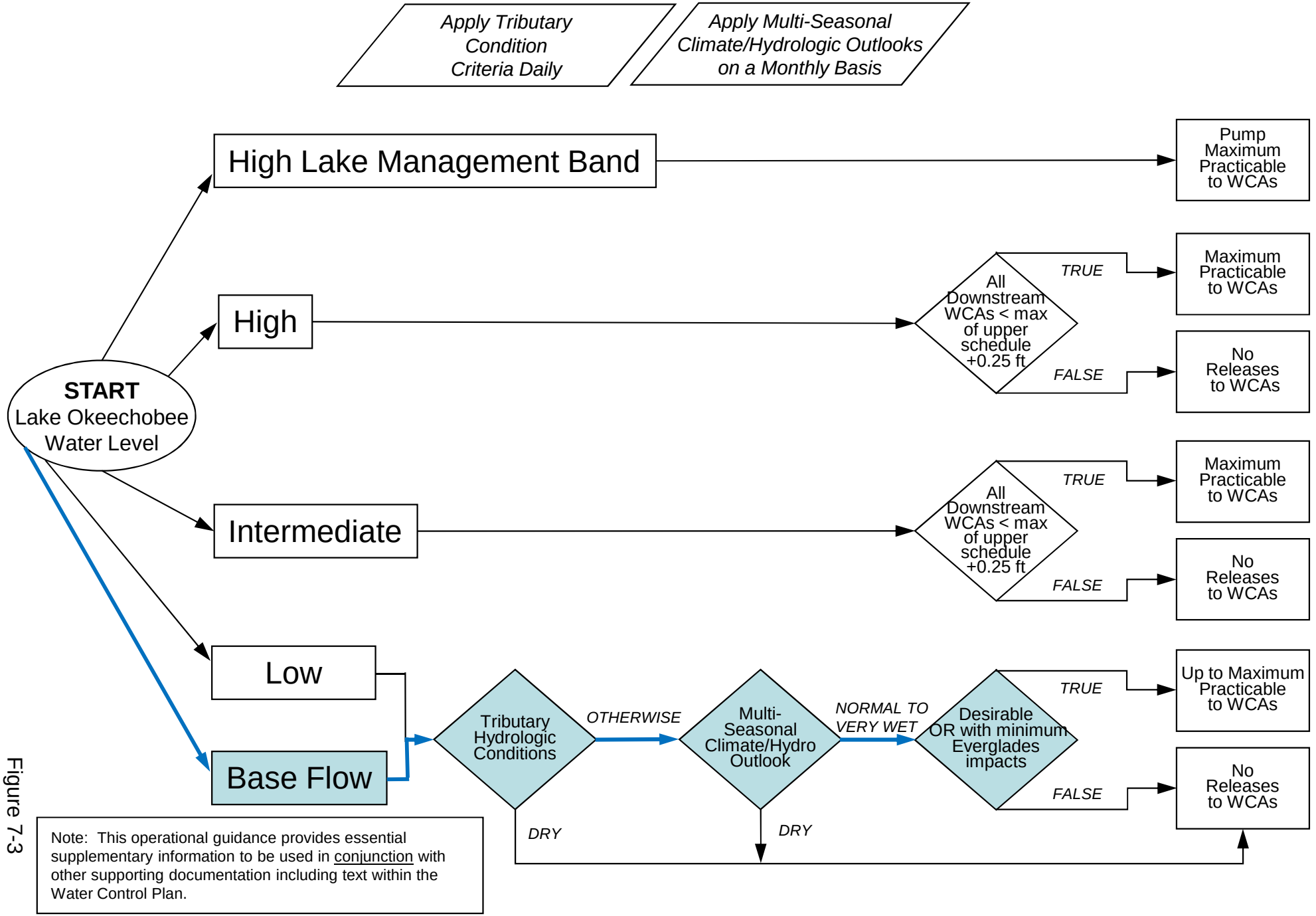
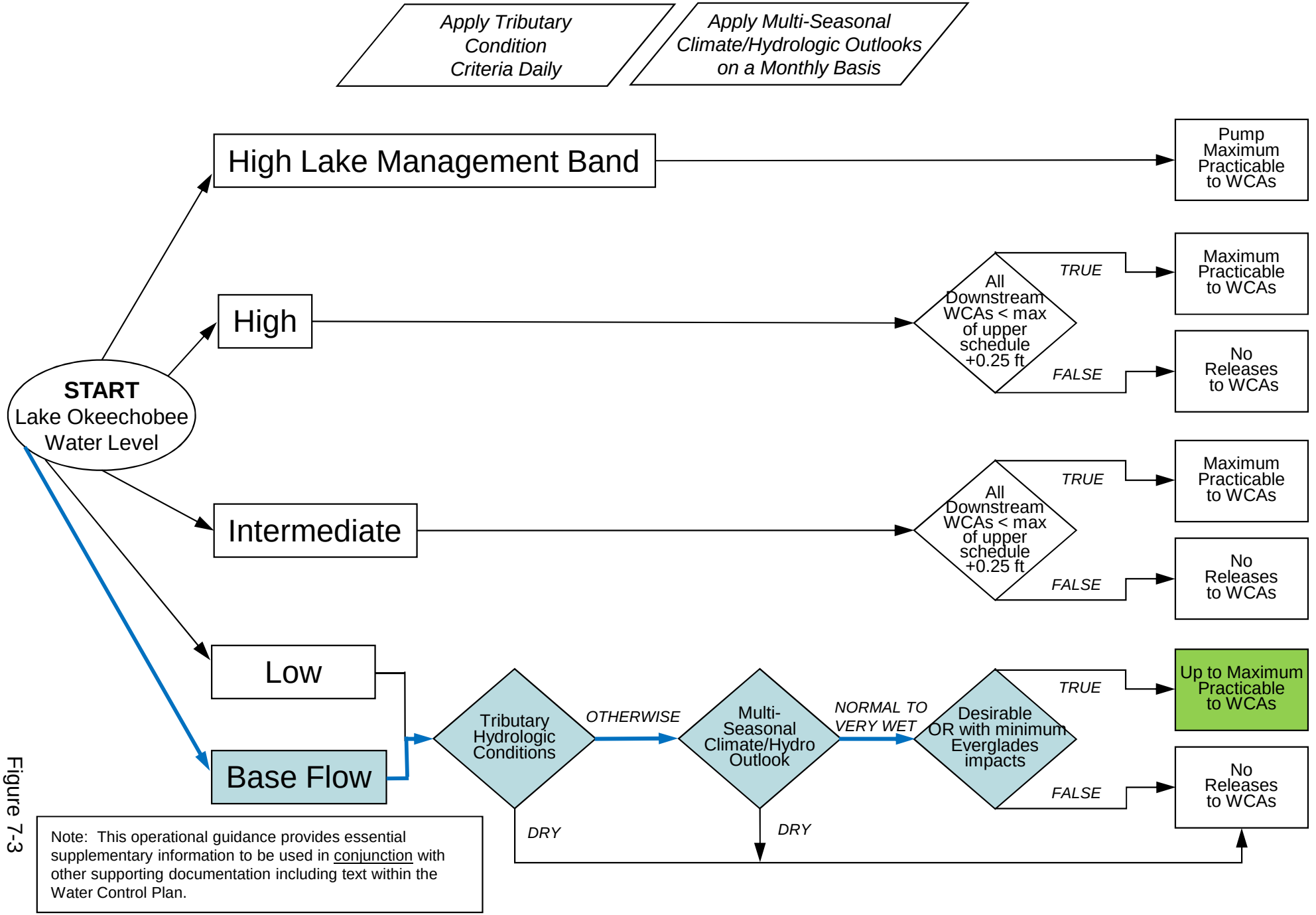


Figure 7-3

Note: This operational guidance provides essential supplementary information to be used in conjunction with other supporting documentation including text within the Water Control Plan.

2008 LORS FORECAST

Part C: Establish Allowable Lake Okeechobee Releases to the Water Conservation Areas



Note: This operational guidance provides essential supplementary information to be used in conjunction with other supporting documentation including text within the Water Control Plan.

Figure 7-3

2008 LORS

Part D: Establish Allowable Lake Okeechobee Releases to Tide (Estuaries)

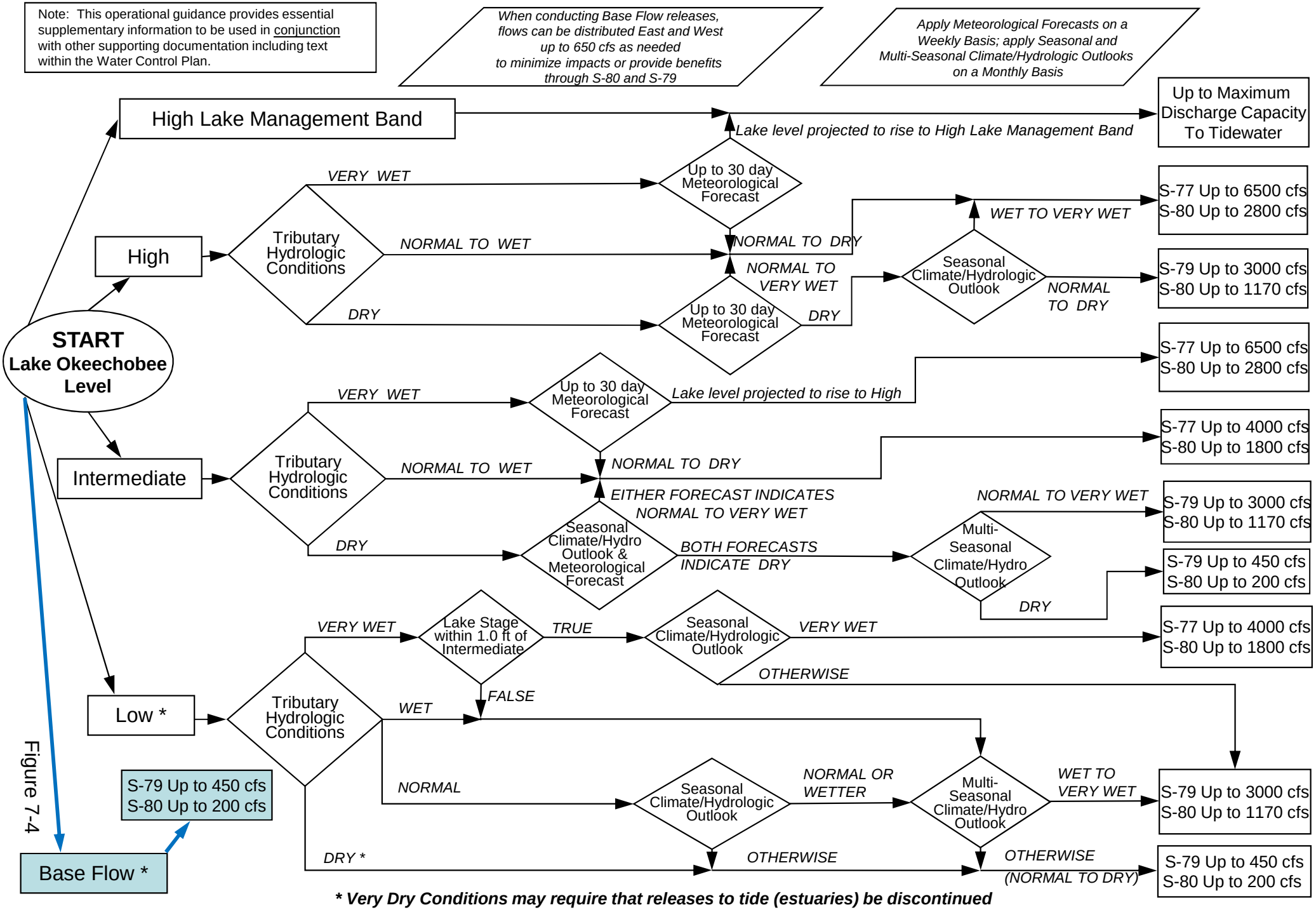


Figure 7-4

2008 LORS FORECAST

Part D: Establish Allowable Lake Okeechobee Releases to Tide (Estuaries)

Note: This operational guidance provides essential supplementary information to be used in conjunction with other supporting documentation including text within the Water Control Plan.

When conducting Base Flow releases, flows can be distributed East and West up to 650 cfs as needed to minimize impacts or provide benefits through S-80 and S-79

Apply Meteorological Forecasts on a Weekly Basis; apply Seasonal and Multi-Seasonal Climate/Hydrologic Outlooks on a Monthly Basis

START
Lake Okeechobee Level

High Lake Management Band → *Lake level projected to rise to High Lake Management Band* → Up to Maximum Discharge Capacity To Tidewater

High → Tributary Hydrologic Conditions
- *VERY WET* → Up to 30 day Meteorological Forecast
  - *WET TO VERY WET* → S-77 Up to 6500 cfs, S-80 Up to 2800 cfs
  - *NORMAL TO DRY* → Seasonal Climate/Hydrologic Outlook
    - *NORMAL TO VERY WET* → S-77 Up to 6500 cfs, S-80 Up to 2800 cfs
    - *NORMAL TO DRY* → S-79 Up to 3000 cfs, S-80 Up to 1170 cfs
- *NORMAL TO WET* → *NORMAL TO DRY* → Seasonal Climate/Hydrologic Outlook (as above)
- *DRY* → Up to 30 day Meteorological Forecast
  - *NORMAL TO VERY WET* → Seasonal Climate/Hydrologic Outlook (as above)
  - *DRY* → Seasonal Climate/Hydrologic Outlook (as above)

Intermediate → Tributary Hydrologic Conditions
- *VERY WET* → Up to 30 day Meteorological Forecast
  - *Lake level projected to rise to High* → S-77 Up to 6500 cfs, S-80 Up to 2800 cfs
  - *NORMAL TO DRY* → S-77 Up to 4000 cfs, S-80 Up to 1800 cfs
- *NORMAL TO WET* → *NORMAL TO DRY* → S-77 Up to 4000 cfs, S-80 Up to 1800 cfs
- *DRY* → Seasonal Climate/Hydro Outlook & Meteorological Forecast
  - *EITHER FORECAST INDICATES NORMAL TO VERY WET* → S-79 Up to 3000 cfs, S-80 Up to 1170 cfs
  - *BOTH FORECASTS INDICATE DRY* → Multi-Seasonal Climate/Hydro Outlook
    - *NORMAL TO VERY WET* → S-79 Up to 3000 cfs, S-80 Up to 1170 cfs
    - *DRY* → S-79 Up to 450 cfs, S-80 Up to 200 cfs

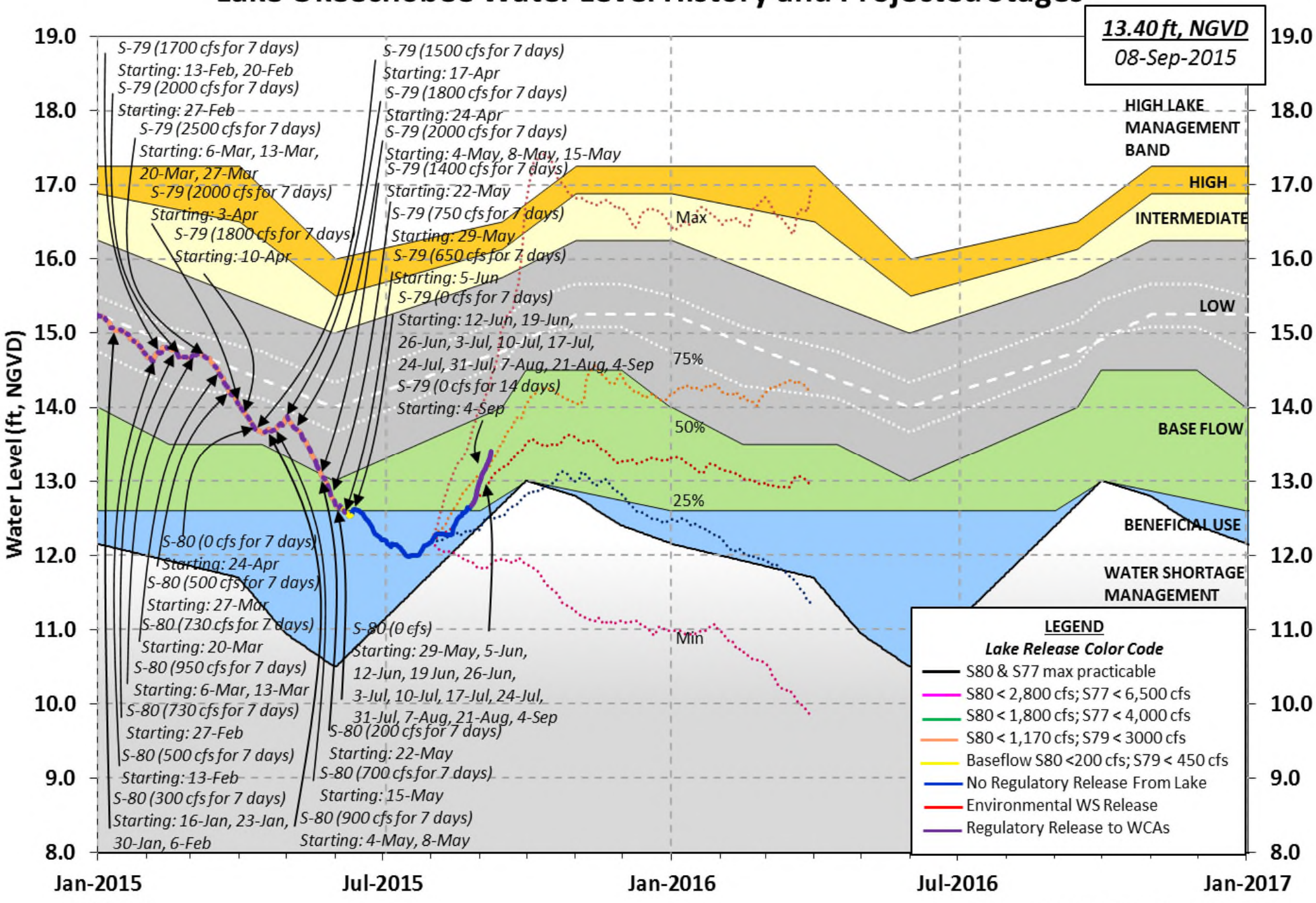
Low * → Tributary Hydrologic Conditions
- *VERY WET* → Lake Stage within 1.0 ft of Intermediate
  - *TRUE* → Seasonal Climate/Hydrologic Outlook
    - *VERY WET* → S-77 Up to 4000 cfs, S-80 Up to 1800 cfs
    - *OTHERWISE* → S-79 Up to 3000 cfs, S-80 Up to 1170 cfs
  - *FALSE* → *WET* → S-79 Up to 3000 cfs, S-80 Up to 1170 cfs
- *NORMAL* → Seasonal Climate/Hydrologic Outlook
  - *NORMAL OR WETTER* → Multi-Seasonal Climate/Hydro Outlook
    - *WET TO VERY WET* → S-79 Up to 3000 cfs, S-80 Up to 1170 cfs
    - *OTHERWISE (NORMAL TO DRY)* → S-79 Up to 450 cfs, S-80 Up to 200 cfs
  - *OTHERWISE* → S-79 Up to 450 cfs, S-80 Up to 200 cfs
- *DRY ** → S-79 Up to 450 cfs, S-80 Up to 200 cfs

Base Flow * → S-79 Up to 450 cfs, S-80 Up to 200 cfs

**** Very Dry Conditions may require that releases to tide (estuaries) be discontinued***

Figure 7-4

Lake Okeechobee Water Level History and Projected Stages



LORS-2008
Adopted by USACE 28-April-2008

Projected Stage Percentiles From
SFWMD-HESM Position Analysis

U. S. Army Corps of Engineers, Jacksonville District
Lake Okeechobee and Vicinity Report
** Preliminary Data - Subject to Revision **

Data Ending 2400 hours 07 SEP 2015

Okeechobee Lake Regulation	Elevation (ft-NGVD)	Last Year (ft-NGVD)	2YRS Ago (ft-NGVD)
*Okeechobee Lake Elevation	13.40	14.49	15.52 (Official Elv)

Bottom of High Lake Mngmt= 16.46 Top of Water Short Mngmt= 12.52
Currently in Operational Management Band

Simulated Average LORS2008 [1965-2000] 13.36
Difference from Average LORS2008 0.04

07SEP (1965-2007) Period of Record Average 14.39
Difference from POR Average -0.99

Today Lake Okeechobee elevation is determined from the 4 Int & 4 Edge stations

++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 ÷ 7.34'
++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 ÷ 5.54'
Bridge Clearance = 48.99'

---

4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values):

L001	L005	L006	LZ40	S4	S352	S308	S133
13.28	13.49	13.43	13.34	13.42	13.54	13.29	13.38

*Combination Okeechobee Avg-Daily Lake Average = 13.40 (*See Note)

Okeechobee Inflows (cfs):

S65E	6713	C5	0	Fisheating Cr	2615
S154	12	S191	184	S135 Pumps	0
S84	1820	S133 Pumps	0	S2 Pumps	0
S84X	805	S127 Pumps	0	S3 Pumps	0
S71	612	S129 Pumps	0	S4 Pumps	0
S72	253	S131 Pumps	38		

Total Inflows: 13052

Okeechobee Outflows (cfs):

S135 Culverts	-NR-	S354	0	S77	1 (Used)
S127 Culverts	60	S351	0	S77Below	23 (NOT USED)

```
  S129 Culverts     0      S352              0      S308             -1
(Used)
  S131 Culverts     0      L8 Canal Pt      53      S308Below       -62 (NOT
USED)
Total Outflows:    113

****S77 Structure outflow is being used to compute Total Outflow.
****S308 Structure outflow is being used to compute Total Outflow.

Okeechobee Pan Evaporation (inches):
  S77            0.31      S308           0.23
  Average Pan Evap x 0.75 Pan Coefficient =  0.20" =  0.02'

Lake Average Precipitation using NEXRAD: =  -NR-" =  -NR-'

Evaporation - Precipitation:             =  -NR-" =  -NR-'
Evaporation - Precipitation using Lake Area of 730 square miles
  is equal to   -NR-
Lake Okeechobee (Change in Storage) Flow is  16940 cfs or  33600 AC-FT
_____________________________________________________________________________
_
_____________________________________________________________________________
_


Note: Headwater, tailwater, and stage values below are instantaneous values
      unless otherwise specified.

             Headwater Tailwater         ----------- Gate Positions ---------
---
             Elevation Elevation  Disch   #1   #2   #3   #4   #5   #6   #7
#8
             (ft-msl)  (ft-msl)   (cfs)  (ft) (ft) (ft) (ft) (ft) (ft) (ft)
(ft)
                                (I) see note at bottom
North East Shore
  S133 Pumps:  13.59     13.41       0      0    0    0    0    0  (cfs)
  S193:        ______
  S191:         18.47     13.39     184    0.0  0.0  0.5
  S135 Pumps: ______       -NR-       0      0    0    0    0       (cfs)
  S135 Culverts:                   -NR-   -NR- -NR-

North West Shore
  S65E:         21.04     13.61    6713    2.5  2.5  3.0  2.5  2.5  2.6
  S127 Pumps:  13.74     13.59       0      0    0    0    0    0  (cfs)
  S127 Culvert:                     60    4.1

  S129 Pumps:  13.13     13.43       0      0    0    0           (cfs)
  S129 Culvert:                      0    0.1

  S131 Pumps:  12.92     13.76      38      0   43               (cfs)
  S131 Culvert:                      0

  Fisheating Creek
    nr Palmdale          34.08    2615
    nr Lakeport         ______
```

```
  C5:          14.70    13.49      0    0.0  0.0  0.0

South Shore
  S4 Pumps:    10.96     13.41       0      0    0    0            (cfs)
  S169:        13.43     10.97       0    0.0  0.0  0.0
  S310:        13.35                 3
  S3 Pumps:    10.28     13.45       0      0    0    0            (cfs)
  S354:        13.45     10.28       0    0.0  0.0
  S2 Pumps:     9.79     13.39       0      0    0    0    0       (cfs)
  S351:        13.39      9.79       0    0.0  0.0  0.0
  S352:        13.55     10.10       0    0.0  0.0
  C10A:         -NR-     13.57            0.0   8.5   8.5   8.5   8.5
  L8 Canal PT            13.36      53
```

S351 and S352 Temporary Pumps/S354 Spillway

```
  S351:         9.79     13.39       0  -NR--NR--NR--NR--NR--NR-
  S352:        10.10     13.55       0  -NR--NR--NR--NR-
  S354:        10.28     13.45       0  -NR--NR--NR--NR-
```

```
Caloosahatchee River (S77, S78, S79)
  S47B:        13.04     10.85            1.0  1.0
  S47D:        10.86     10.86     -13    5.0
  S77:
    Spillway and Sector Flow:
               13.31     10.91       0    0.0  0.0  0.0  0.0
    Flow Due to Lockages+:             1

  S77 Below USGS Flow Gage            23

  S78:
    Spillway and Sector Flow:
               10.70      2.73     319    0.0  0.0  0.5  0.0
    Flow Due to Lockages+:             7

  S79:
    Spillway and Sector Flow:
                2.98      1.64    2371    1.0  1.0  2.0  2.0  1.0  1.0  1.0
1.0
    Flow Due to Lockages+:             4
    Percent of flow from S77           0%
    Chloride            (ppm)      54


St. Lucie Canal (S308, S80)
  S308:
    Spillway and Sector Flow:
               13.32     14.51       0    0.0  0.0  0.0  0.0
    Flow Due to Lockages+:            -1

  S308 Below USGS Flow Gage          -62
  S153:        18.83     14.35      66    0.5  0.5
  S80:
    Spillway and Sector Flow:
               14.65      1.10     391    0.0  0.4  0.4  0.0  0.4  0.0  0.0
```

Flow Due to Lockages+: 10
Percent of flow from S308 0%

Steele Point Top Salinity (mg/ml) ****
Steele Point Bottom Salinity (mg/ml) ****

Speedy Point Top Salinity (mg/ml) ****
Speedy Point Bottom Salinity (mg/ml) ****

+ Flow Due to lockages is computed utilizing average daily headwater and tailwater along with total number of lockages for the day to calculate a volume which is then converted to an average discharge in cfs.

Daily Precipitation Totals	1-Day (inches)	3-Day (inches)	7-Day (inches)	----- Wind ----- Direction (Degø)	Speed (mph)
S133 Pump Station:	-NR-	0.72	0.74		
S193:	-NR-	0.00	0.00	-NR-	-NR-
Okeechobee Field Station:	-NR-	0.00	0.00		
S135 Pump Station:	-NR-	0.11	0.17		
S127 Pump Station:	-NR-	0.84	0.87		
S129 Pump Station:	-NR-	0.48	0.73		
S131 Pump Station:	-NR-	0.34	0.64		
S77:	0.06	1.26	1.42	191	1
S78:	0.15	0.41	0.43	122	3
S79:	0.15	0.97	1.46	148	1
S4 Pump Station:	-NR-	0.00	0.00		
Clewiston Field Station:	-NR-	0.00	0.00		
S3 Pump Station:	-NR-	0.00	0.49		
S2 Pump Station:	-NR-	0.01	0.20		
S308:	0.13	0.84	0.91	74	4
S80:	0.13	0.19	0.56	93	0
Okeechobee Average (Sites S78, S79 and S80 not included)	0.09	0.35	0.47		
Oke Nexrad Basin Avg	-NR-	0.73	1.13		

Okeechobee Lake Elevations	07 SEP 2015	13.40	Difference from 07SEP15
07SEP15 -1 Day =	06 SEP 2015	13.32	-0.08
07SEP15 -2 Days =	05 SEP 2015	13.26	-0.14
07SEP15 -3 Days =	04 SEP 2015	13.21	-0.19
07SEP15 -4 Days =	03 SEP 2015	13.17	-0.23
07SEP15 -5 Days =	02 SEP 2015	13.13	-0.27
07SEP15 -6 Days =	01 SEP 2015	13.08	-0.32
07SEP15 -7 Days =	31 AUG 2015	13.02	-0.38
07SEP15 -30 Days =	08 AUG 2015	12.29	-1.11
07SEP15 -1 Year =	07 SEP 2014	14.49	1.09
07SEP15 -2 Year =	07 SEP 2013	15.52	2.12

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = -NR-

Lake Okeechobee Net Inflow (LONIN)

		Average Flow over the previous 14 days			Avg-Daily Flow
07SEP15	Today =	07 SEP 2015	11240	TUE	16993
07SEP15	-1 Day =	06 SEP 2015	9889	MON	12809
07SEP15	-2 Days =	05 SEP 2015	9529	SUN	10673
07SEP15	-3 Days =	04 SEP 2015	9053	SAT	8575
07SEP15	-4 Days =	03 SEP 2015	9090	FRI	8602
07SEP15	-5 Days =	02 SEP 2015	9046	THU	10616
07SEP15	-6 Days =	01 SEP 2015	8534	WED	12715
07SEP15	-7 Days =	31 AUG 2015	8011	TUE	14066
07SEP15	-8 Days =	30 AUG 2015	6929	MON	15579
07SEP15	-9 Days =	29 AUG 2015	6789	SUN	15377
07SEP15	-10 Days =	28 AUG 2015	6204	SAT	13764
07SEP15	-11 Days =	27 AUG 2015	6478	FRI	7819
07SEP15	-12 Days =	26 AUG 2015	6367	THU	3933
07SEP15	-13 Days =	25 AUG 2015	6078	WED	5840

S65E

		Average Flow over previous 14 days			Avg-Daily Flow
07SEP15	Today=	07 SEP 2015	5037	TUE	6713
07SEP15	-1 Day =	06 SEP 2015	4747	MON	6243
07SEP15	-2 Days =	05 SEP 2015	4485	SUN	6112
07SEP15	-3 Days =	04 SEP 2015	4240	SAT	6195
07SEP15	-4 Days =	03 SEP 2015	3976	FRI	5908
07SEP15	-5 Days =	02 SEP 2015	3733	THU	5452
07SEP15	-6 Days =	01 SEP 2015	3488	WED	5039
07SEP15	-7 Days =	31 AUG 2015	3281	TUE	4646
07SEP15	-8 Days =	30 AUG 2015	3091	MON	4514
07SEP15	-9 Days =	29 AUG 2015	2950	SUN	4745
07SEP15	-10 Days =	28 AUG 2015	2757	SAT	4558
07SEP15	-11 Days =	27 AUG 2015	2571	FRI	3770
07SEP15	-12 Days =	26 AUG 2015	2414	THU	3648
07SEP15	-13 Days =	25 AUG 2015	2268	WED	2976

Lake Okeechobee Outlets Last 14 Days

DATE	S-77 Discharge (0700-2100) (AC-FT)	S-77 Discharge (ALL DAY) (AC-FT)	Below S-77 Discharge (ALL-DAY) (AC-FT)	S-78 Discharge (0700-2100) (AC-FT)	S-78 Discharge (ALL DAY) (AC-FT)	S-79 Discharge (ALL DAY) (AC-FT)
07 SEP 2015	0	3	45	315	646	4710
06 SEP 2015	0	4	71	690	1188	4663
05 SEP 2015	0	7	24	753	1292	5026
04 SEP 2015	0	6	-68	753	1380	4657
03 SEP 2015	0	2	-72	954	1699	6003
02 SEP 2015	0	1	222	1241	2100	7326
01 SEP 2015	0	2	96	1480	2537	8554
31 AUG 2015	0	1	5	1624	2547	6822

30 AUG 2015	0	2	-170	2096	2974	8042
29 AUG 2015	0	7	-335	1419	2589	7181
28 AUG 2015	0	2	-210	1194	1971	6637
27 AUG 2015	0	1	-74	404	900	5179
26 AUG 2015	0	2	-180	332	519	4734
25 AUG 2015	0	2	-89	0	2	1716

DATE	S-310 Discharge (ALL DAY) (AC-FT)	S-351 Discharge (ALL DAY) (AC-FT)	S-352 Discharge (ALL DAY) (AC-FT)	S-354 Discharge (ALL DAY) (AC-FT)	L8 Canal Pt Discharge (ALL DAY) (AC-FT)
07 SEP 2015	6	0	0	0	105
06 SEP 2015	17	0	0	0	206
05 SEP 2015	-81	0	0	0	170
04 SEP 2015	-109	208	0	0	-45
03 SEP 2015	9	262	0	0	-74
02 SEP 2015	-64	0	0	0	56
01 SEP 2015	-131	0	0	0	20
31 AUG 2015	-215	0	0	0	-93
30 AUG 2015	-210	0	0	0	-181
29 AUG 2015	-204	0	0	0	-88
28 AUG 2015	-58	0	0	0	-3
27 AUG 2015	-62	0	0	0	108
26 AUG 2015	-12	0	0	0	201
25 AUG 2015	28	0	0	0	184

DATE	S-308 Discharge (ALL DAY) (AC-FT)	Below S-308 Discharge (ALL-DAY) (AC-FT)	S-80 Discharge (ALL-DAY) (AC-FT)
07 SEP 2015	-3	-122	795
06 SEP 2015	-8	157	154
05 SEP 2015	-4	205	184
04 SEP 2015	-5	-140	260
03 SEP 2015	-2	-171	15
02 SEP 2015	-2	-114	26
01 SEP 2015	-2	-30	574
31 AUG 2015	-1	-79	697
30 AUG 2015	-1	-98	163
29 AUG 2015	-1	133	738
28 AUG 2015	-4	75	1882
27 AUG 2015	-5	12	1397
26 AUG 2015	0	9	23
25 AUG 2015	-3	-34	30

*** NOTE: 1) Discharge from (0700-2100) is computed using Spillway and Sector
Gate Discharges from 0700 hrs to 2100 hrs.
2) Discharge (ALL DAY) is computed using Spillway, Sector Gate and
Lockages Discharges from 0015 hrs to 2400 hrs.

(I) - Flows preceeded by "I" signify an instantaneous
flow computed from the single value reported for the day

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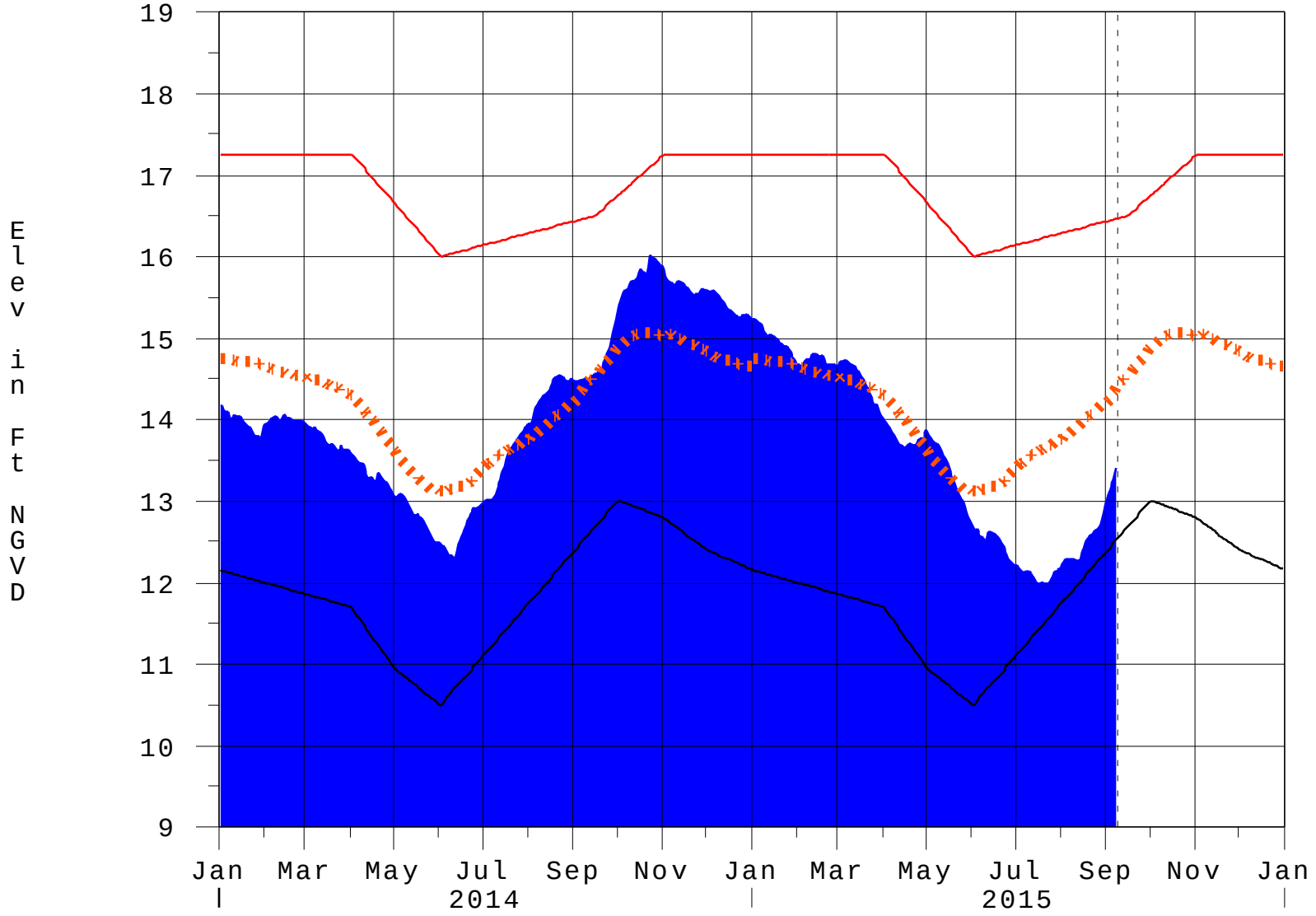
* On 11 May 1999, Lake Okeechobee Elevation was switched from
Instantaneous 2400 value to an average-daily lake average.
On 14 Mar 2001, due to the isolation of various gages within the standard
10 stations, the average of the interior 4 station gages was used
as the Lake Okeechobee Elevation.
On 05 November 2010, Lake Okeechobee Elevation was switched to a 9 gage
mix of interior and edge gages to obtain a more reliable representation
of the lake level.
On 09 May 2011, Lake Okeechobee Elevation was switched to a 8 gage
mix of interior and edge gages to obtain a more reliable representation
of the lake level due to isolation of S135 from low lake levels.
Today Lake Okechobee elevation is determined from the 4 Int & 4 Edge stations
++ For more information see the Jacksonville District Navigation website
at http://www.saj.usace.army.mil/
$ For information regarding Lake Okeechobee Service Area water restrictions
please refer to www.sfwmd.gov

Report Generated 08SEP2015 @ 08:06 ** Preliminary Data - Subject to Revision **

Lake Okeechobee

08SEP15 08:00:28



High Lake Management
Okeechobee Avg Elev
Average Elev [1965-2007]
Water Shortage Management

Classification Tables

Supplemental Tables used in conjunction with the LORS2008 Release

Guidance Flow Charts

- Class Limits for Tributary Hydrologic Conditions

Table K-2 in the Lake Okeechobee Water Control Plan

- 6-15 Day Precipitation Outlook Categories

Table ?? in the Lake Okeechobee Water Control Plan

- Classification of Lake Okeechobee Net Inflow for Seasonal Outlook

Table K-3 in the Lake Okeechobee Water Control Plan

- Classification of Lake Okeechobee Net Inflow for Multi-Seasonal Outlook

Table K-4 in the Lake Okeechobee Water Control Plan

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Back to U.S. Army Corps of Engineers Lake Okeechobee Operations Homepage

Tributary Hydrologic Classification*	Palmer Index Class Limits	2-wk Mean L.O. Net Inflow Class Limits
Very Wet	3.0 or greater	Greater >= 6000 cfs
Wet	1.5 to 2.99	2500 - 5999 cfs
Near Normal	-1.49 to 1.49	500 - 2499 cfs
Dry	-2.99 to -1.5	-5000 – 500 cfs
Very Dry	-3.0 or less	Less than -5000 cfs

* use the wettest of the two indicators

Classification of Lake Okeechobee Net Inflow Seasonal Outlook*

Lake Net Inflow Prediction [million acre-feet]	Equivalent Depth** [feet]	Lake Okeechobee Net Inflow Seasonal Outlook
> 0.93	> 2.0	Very Wet
0.71 to 0.93	1.51 to 2.0	Wet
0.35 to 0.70	0.75 to 1.5	Normal
< 0.35	< 0.75	Dry

****Volume-depth conversion based on average lake surface area of 467,000 acres**

Classification of Lake Okeechobee Net Inflow Multi-Seasonal Outlook*

Lake Net Inflow Prediction [million acre-feet]	**Equivalent Depth** [feet]**	**Lake Okeechobee Net Inflow Multi-Seasonal Outlook**
> 2.0	> 4.3	Very Wet
1.18 to 2.0	2.51 to 4.3	Wet
0.5 to 1.17	1.1 to 2.5	Normal
< 0.5	< 1.1	Dry

****Volume-depth conversion based on average lake surface area of 467,000 acres**

6-15 Day Precipitation Outlook Categories*

6-15 Day Precipitation Outlook Categories	WSE Decision Tree Categories
Above Normal	Wet to Very Wet
Normal	Normal
Below Normal	Dry

*** Corresponds to Table 7-6 in the Lake Okeechobee Water Control Plan**

Under Construction